

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A distribution device for communications and data technology, comprising:
at least one distribution board connection module, with the distribution board connection module having a housing in which externally accessible input and output contacts are arranged for connection of lines, cables or conductors,
wherein the distribution device has at least one connection module, with the connection module having at least one SDH/SONET transport interface and outputs for electrical signals, with the outputs of the connection module being connected to the input contacts ~~inputs~~ of the distribution board connection module, and with the connection module having at least one converter for conversion of SDH/SONET transport signals to E1 signals, and vice versa.
2. (Currently Amended) The distribution device as claimed in claim 1, wherein the ~~output contacts~~ outputs of the connection module and the input contacts of the distribution board connection module are in the form of multipole plug connectors.
3. (Previously Presented) The distribution device as claimed in claim 1, wherein the connection module has an external supply voltage connection.
4. (Previously Presented) The distribution device as claimed in claim 1, wherein the connection module has an external interface for programming.
5. (Previously Presented) The distribution device as claimed in claim 1, wherein the connection module has at least two plug connectors as output contacts for at least two distribution board connection modules.

6. (Previously Presented) The distribution device as claimed in claim 1, wherein the connection module and the distribution board connection module have snap-action elements for latching onto round rods.
7. (Previously Presented) The distribution device as claimed in claim 1, wherein the connection module includes a housing having heat sinks.
8. (Previously Presented) The distribution device as claimed in claim 7, wherein the heat sinks are in the form of cooling ribs or cooling points.
9. (Previously Presented) The distribution device as claimed claim 1, wherein the output contacts of the distribution board connection module are in the form of insulation-displacement terminal contacts or coaxial plug connectors.
10. (Previously Presented) The distribution device as claimed in claim 2, further comprising line drivers wherein the line drivers for the converter for the connection module are arranged in the distribution board connection modules.
11. (Previously Presented) The distribution device as claimed in claim 10, wherein voltage for the line drivers is supplied via at least one pole of the multipole plug connector.
12. (Previously Presented) The distribution device as claimed in claim 10, wherein the multipole plug connector and/or the line drivers are/is arranged on a printed circuit board.
13. (Previously Presented) The distribution device as claimed in claim 9, wherein the output contacts of the distribution board connection module are in the form of an insulation-displacement terminal connecting strip.

14. (Previously Presented) The distribution device as claimed in claim 13, wherein the insulation-displacement terminal connecting strip is connected to the printed circuit board via fork contacts.

15. (Currently Amended) The distribution device as claimed in claim 13~~claim 1~~, wherein the insulation-displacement terminal connecting strips have associated conductor guidance elements.

16. (Currently Amended) The distribution device as claimed in claim 15, wherein the conductor guidance element has channels at ~~the sides~~ thereof, which lead to ~~the~~ an end face of the conductor guidance element.

17. (Previously Presented) The distribution device as claimed in claim 16, wherein the channels are arranged on both sides of the conductor guidance element.

18. (Previously Presented) The distribution device as claimed in claim 17, wherein channels are arranged one above the other on one half of the end surface of the conductor guidance element, with the upper and lower channels being routed on different sides of the conductor guidance element, and the channels in the other half of the end surface being routed on only one side, with the channels on the one side being arranged one above the other for both halves of the end surface.

19. (Currently Amended) A connection module for a distribution device, comprising:
a housing,
an SDH/SONET transport interface, and
an output for an electrical signal,
with a converter for conversion of SDH/SONET transport signals to E1 signals, and vice versa, being arranged between the input and the output within the housing;
wherein the connection module has snap-action elements for latching onto round rods.

20. (Previously Presented) The connection module as claimed in claim 19, wherein the converter is an STM1 board.

21. (Currently Amended) The connection module as claimed in claim 19, wherein the output ~~contacts are in the form of~~ includes at least one multipole plug connector.

22. (Previously Presented) The connection module as claimed in claim 19, wherein the connection module has an external supply voltage connection.

23. (Previously Presented) The connection module as claimed in claim 19, wherein the connection module has an external interface for programming.

24. (Previously Presented) The connection module as claimed in claim 19, wherein the connection module has at least two plug connectors as output contacts for at least two distribution board connection modules.

25. (Canceled)

26. (Previously Presented) The connection module as claimed in claim 19, wherein the housing of the connection module has heat sinks.

27. (Previously Presented) The connection module as claimed in claim 26, wherein the heat sinks are in the form of cooling ribs or cooling points.

28. (Currently Amended) A distribution board connection module for a distribution device for communications and data technology, comprising:

a housing in which externally accessible input and output contacts are arranged for connection of lines, cables or conductors, with the input contacts being in the form of a multipole

plug connector and the output contacts being in the form of insulation-displacement terminal contacts or coaxial plug connectors, with functional elements being arranged electrically between the input and output contacts in the housing,

~~wherein the~~ wherein the functional elements are in the form of line drivers for an STM1 board, and wherein an external voltage supply for the line drivers can be connected via at least one pin of the multipole plug connector.

29. (Canceled)